

# Surface Mount Touch Screen Mic



The BVRDTSMS is housed in a robust surface mountable enclosure. The microphone has been designed specifically for the voice alarm market and will interface with any of our VIGIL voice alarm systems.

## VIGIL Microphones

### FEATURES:

- Surface mountable voice alarm control microphone for multiple zones
- Housed in a robust enclosure with fist held microphone capsule.
- Near Field Communications (NFC) for card (or PIN) based operator log-in feature, enabling access to a pre-determined level of control.
- Operators can use the microphone to record non-critical messages and store them for future use.
- Stored messages can be scheduled for regular/timed broadcast by the operator.
- Straight-forward multi-page scroll through option, providing full control of a VIGIL voice alarm system.
- Select system stored messages - general and critical (with priority given to the most critical) - for broadcast to chosen zones.
- Zone or 'all call' selection.
- Live speech for general paging and emergency announcements.
- Select and route background music for broadcast to individual or multiple zones.
- Volume adjustment function provides the ability to change the volume of non-critical broadcasts to selected zones.
- Emergency control mode - live emergency broadcasts from the unit will override messages triggered by the fire panel.
- Emergency paging facility - can be given highest priority on the system, automatically overriding all other broadcasts.
- A hard wired bypass option enables an emergency 'all call' announcement in the unlikely event of a processor failure. There is also an option to fit an emergency bypass 'all call' switch to the microphone.
- Critical signal path monitoring of the system - faults being visibly and audibly indicated at the microphone.
- Detailed fault logs accessed via the touch screen.
- All microphone configuration performed via the touch screen.
- Compatible with VIGIL2 and VIGIL3, all microphone configuration is performed via the touch screen.

# Specifications:

<b>Audio Outputs</b>	
Nominal output level (live speech)	0 dBm
Max output level limiter operating (live speech)	6 dBm
Nominal output level (recorded messages)	0 dBm
Output impedance	180 ohms
<b>Audio Inputs</b>	
Frequency response (live speech)	200 Hz - 12 kHz
Frequency response (.wav file playback)	50 Hz - 20 kHz
<b>Communications</b>	
Data serial link	RS485 9600 BR (default)
<b>Power requirements (24V DC)</b>	
Standby	0.175A
In use	0.36A
<b>Access control</b>	
NFC reader supported options	Mifare
<b>General</b>	
Dimensions W x H x D (mm) surface mount	490 x 242 x 119
Weight	8.66 kg
Finish	RAL 9005
<b>Display</b>	
Display resolution	800 x 480 WVGA
Display brightness	1000 cd/m2
Touch screen	7" capacitive
<b>Front panel indicators</b>	
Power on	Power is supplied
Healthy	System is healthy
General fault	VA system general fault
System fault	BVRDTSM system fault
VA active	Voice alarm active indicator



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